

ABSTRACT

A method and apparatus for detecting a defective disk for a hard disk drive. The method includes placing a disk into a tester so that a first side of the disk is adjacent to a first head of the tester and a second side of the disk is adjacent to a second head. First data is read from the first side of the disk, and second data is read from the second side of the disk. The disk is then flipped so that the second side is adjacent to the first head and the first side is adjacent to the second head. Third data is read from the first side. Fourth data is read from the second side. A first area between a curve generated from the first data and a curve generated from the third data is calculated. Likewise, a second area is calculated between a curve generated from the second data and a curve generated from the fourth data. An average of the first and second areas is then calculated and used to detect a defective disk.